

30-1926: Anti-CD42b Monoclonal Antibody (Clone:AK2)-FITC Conjugated

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|--------------------------------|--------------------------|
| Clonality : | Monoclonal |
| Clone Name : | AK2 |
| Application : | FACS, IP, WB, ICC, ELISA |
| Reactivity : | Human |
| Conjugate : | FITC |
| Gene : | GP1BA |
| Gene ID : | 2811 |
| Uniprot ID : | P07359 |
| Alternative Name : | GP1BA |
| Isotype : | Mouse IgG1 |
| Immunogen Information : | Human platelets |

Description

CD42b (GPIb alpha) composes together with GPIb beta, GPIX and GPV the GPIb-IX-V receptor complex critical in the process of platelet-rich thrombus formation by tethering the platelet to a thrombogenic surface. CD42b binds to von Willebrand factor (VWF) exposed at a site of vascular injury, as well as to thrombin, coagulation factors XI and XII, high molecular weight kininogen, TSP-1, integrin Mac-1 and P-selectin. The extracellular domain of CD42b by its interactions also contributes to metastasis.

Product Info

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| Amount : | 100 tests |
| Storage condition : | Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. |

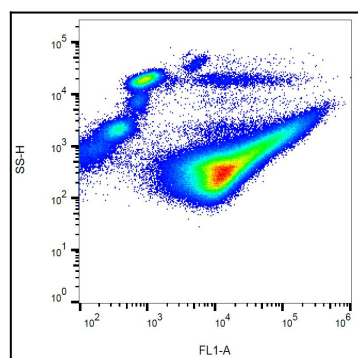


Figure 1: Surface staining of human peripheral blood with anti-human CD42b (AK2) FITC.